

MONITORING WELL CONSTRUCTION FORM

Route To: Solid Waste ☐ Other: _____

Facility/Project Name: _____

Well Name: _____

GWIC Well ID.: _____

Facility License Number: _____ Well GPS Location (NAD 83): Lat.: _____ Long.: _____

Well Location: 1/4, 1/4, Sec _____, T _____, R _____
(legal description to nearest 1/4, 1/4 section)

Type of Well:
Ground Water Monitoring ☐
Piezometer ☐ RPOC ☐

Date Well Installed: _____

Location of well relative to waste source:

Upgradient ☐ Downgradient ☐ Side-gradient ☐ Unknown ☐

Distance from waste source boundary: _____

Well Installed By: (name and company)

First Name: _____ Last Name: _____

Well Constructor License Number: _____

Company Name: _____

A. Protective pipe, top elevation: _____ ft. MSL

B. Well casing, top elevation: _____ ft. MSL

C. Land Surface Elevation: _____ ft. MSL

D. Surface seal, bottom: _____ ft. MSL

12. USCS classification of soil near screen:

GP ☐ GM ☐ GC ☐ GW ☐ SP ☐ SM ☐

SC ☐ SW ☐ ML ☐ MH ☐ CL ☐ CH ☐

Bedrock ☐

13. Sieve analysis attached? Yes ☐ No ☐

14. Drilling method used: Rotary ☐ HSA ☐

Other: _____

15. Drilling fluid used:

Water ☐ Air ☐ Drilling Mud ☐ None ☐

16. Drilling additives used? Yes ☐ No ☐

Specify: _____

17. Source of water: _____

E. Bentonite seal: top _____ ft. MSL

F. Fine sand: top _____ ft. MSL

G. Filter pack: top _____ ft. MSL

H. Screen joint: top _____ ft. MSL

I. Well bottom: top _____ ft. MSL

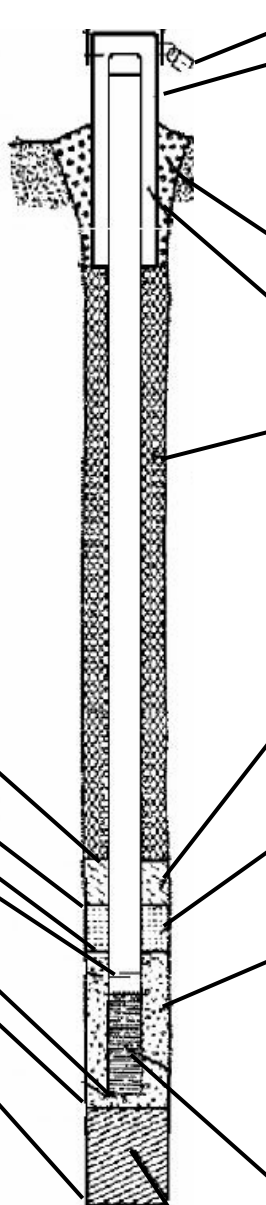
J. Filter pack: bottom _____ ft. MSL

K. Borehole: bottom _____ ft. MSL

L. Borehole diameter: _____ in.

M. O.D. well casing: _____ in.

N. I.D. well casing: _____ in.



1. Cap and lock? ☐ Yes ☐ No

2. Protective cover pipe:

a. Inside diameter: _____ in.

b. Length: _____ ft.

c. Material: Steel ☐

Other: _____

3. Surface seal: Bentonite ☐ Concrete ☐

Other: _____

4. Material btw. well casing and protective pipe:

Bentonite ☐ Annular space seal ☐

Other: _____

5. Annular space seal:

a. Granular benonite ☐

b. lbs/gal mud weight....bentonite/sand slurry ☐

c. lbs/gal mud weight....bentonite slurry ☐

d. % bentonitebentonite/cement grout ☐

e. ft³ volume added for any of the above

f. How installed: Tremie ☐ Tremie pumped ☐

Gravity ☐

6. Bentonite seal: Bentonite granules ☐

☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐

Other: _____

7. Fine sand material: (Manufacturer, product name, mesh size)

Volume added: _____ ft³

8. Filter pack material: (Manufacturer, product name, mesh size)

Volume added: _____ ft³

9. Well casing: Flush-threaded Sch 40 PVC ☐

Flush-threaded Sch 80 PVC ☐

Other: _____

10. Screen material:

a. Screen type: factory cut ☐ continuous slot ☐

Other: _____

b. Manufacturer: _____

c. Slot size: 0. _____ in.

d. Slotted length: _____ ft.

11. Backfill material: _____ or None ☐

CERTIFICATION:

I hereby certify that the information on this form is true and correct to the best of my knowledge:

(Signature)

(Company Name)